

**ROHDE & SCHWARZ**

Make ideas real



# 6G-LICRIS

Liquid crystal reconfigurable intelligent surfaces for 6G mobile networks



Federal Ministry  
of Education  
and Research



## Objective

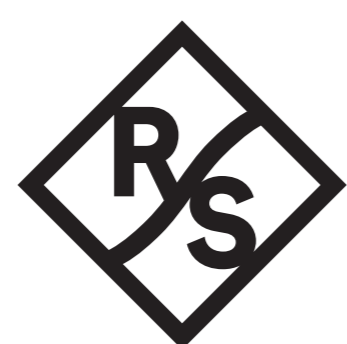
Enhance coverage and capacity of future 6G networks while minimizing power consumption with Reconfigurable Intelligent Surfaces (RIS)

## Contributions

- ▶ Use cases and requirements
- ▶ Technology, concept and RIS development
- ▶ Simulation models and measurement methods
- ▶ Radio environment and channel modeling
- ▶ Network integration
- ▶ Demonstration

## Partners

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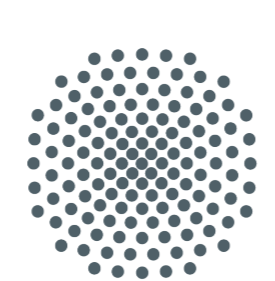


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